



TROPICAL CYCLONE BULLETIN NO. 12

Tropical Storm "MARING" (KOMPASU)

Issued at 11:00 AM, 10 October 2021

Valid for broadcast until the next bulletin at 5:00 PM today

TROPICAL STORM "MARING" HAS MERGED WITH THE REMNANTS OF "NANDO" AND IS NOW MOVING NORTH NORTHWESTWARD OVER THE PHILIPPINE SEA.	
Location of Center (10:00 AM)	<p style="text-align: center;">Track of Tropical Storm "MARING" {KOMPASU}</p> <p style="text-align: center;">Philippine Atmospheric Geophysical and Astronomical Services Administration</p>
The center of Tropical Storm "MARING" was estimated based on all available data at 730 km East of Tuguegarao City, Cagayan (17.4°N, 128.6°E)	
Intensity	
Maximum sustained winds of 85 km/h near the center, gustiness of up to 105 km/h , and central pressure of 990 hPa	
Present Movement	
North northwestward at 30 km/h	
Extent of Tropical Cyclone Winds	
Strong winds or higher extend outwards up to 750 km from the center	

TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 8:00 PM 10 October 2021	18.4	126.7	535 km East of Aparri, Cagayan	85	TS	WNW 25
24-Hour Forecast 8:00 AM 11 October 2021	18.9	124.2	290 km East of Calayan, Cagayan	95	STS	WNW 20
36-Hour Forecast 8:00 PM 11 October 2021	19.1	121.5	Over the coastal waters of Calayan, Cagayan	95	STS	W 25
48-Hour Forecast 8:00 AM 12 October 2021	19.0	118.6	305 km West of Calayan, Cagayan	100	STS	W 25
60-Hour Forecast 8:00 PM 12 October 2021	18.8	115.8	600 km West of Calayan, Cagayan	100	STS	W 25
72-Hour Forecast 8:00 AM 13 October 2021	18.8	113.2	840 km West of Extreme Northern Luzon (outside the PAR)	95	STS	W 25

TROPICAL CYCLONE WIND SIGNALS IN EFFECT

TCWS No.	Luzon	Visayas	Mindanao
1 (Strong winds prevailing or expected within 36 hours)	Batanes, Cagayan including Babuyan Islands, Isabela, Apayao, Abra, Kalinga, Mountain Province, Ifugao, the northern portion of Benguet (Buguias, Bakun, Kibungan, Mankayan), Ilocos Norte, Ilocos Sur, and Catanduanes	Eastern Samar, the eastern portion of Northern Samar (San Roque, Pambujan, Las Navas, Catubig, Laoang, Mapanas, Lapinig, Gamay, Palapag, Mondragon, Silvino Lobos), and the eastern portion of Samar (Mataguinao, San Jose de Buan, Hinabangan, Paranas)	Dinagat Islands and Surigao del Norte

Prepared by: SMRR

Checked by: JSG



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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall

- The enhancement of the southwesterlies may bring rains over Western Visayas, Zamboanga Peninsula, Palawan, and Occidental Mindoro. For more information, refer to Weather Advisory #2 issued at 11:00 AM today.
- Today, moderate to heavy rains due to the tropical storm are possible over Catanduanes. Light to moderate with at times heavy rains are also possible over the rest of Bicol Region and Visayas. Under these conditions, isolated to scattered flash floods and rain-induced landslides are possible especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps

Severe Winds

- Strong winds (strong breeze to near gale conditions) with higher gusts are prevailing in areas where Tropical Cyclone Wind Signal (TCWS) #1 is currently in effect. This may generally bring up to very light damage to structures and vegetation.
- Due to the expansive wind field of the tropical storm and the gradual enhancement of the southwesterlies and northeasterlies, occasionally gusts reaching strong breeze to near gale in strength are possible in the next 24 hours over the coastal and upland/mountain areas of MIMAROPA, Bicol Region, Visayas, Caraga, and Northern Mindanao that are not under TCWS.

HAZARDS AFFECTING COASTAL WATERS

- Under the influence of Tropical Storm "MARING" and the northeasterly wind flow, a Gale Warning is in effect for eastern seaboard of the country. For more information, refer to Gale Warning #4 issued at 5:00 AM today.
- In the next 24 hours, moderate to rough seas will prevail the remaining seaboard of Luzon and Visayas, and the northern seaboard of Mindanao. These conditions are risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.

TRACK AND INTENSITY OUTLOOK

- The merger event between Tropical Storm "MARING" and the remnant low pressure area of "NANDO" has completed. The merger cyclone is forecast to gradually intensify and may be upgraded to severe tropical storm category within the next 24 hours.
- The tropical storm is forecast to move west northwestward towards Extreme Northern Luzon. On the forecast track, "MARING" will move generally westward over the Luzon Strait and pass close or over the Babuyan Islands between tomorrow evening and Tuesday early morning. However, the possibility of a landfall over mainland Luzon is not ruled out at this time. Afterwards, the storm will continue to move generally westward over the West Philippine Sea beginning Tuesday through the remainder of the forecast period.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

Unless superseded by an intermediate bulletin the next tropical cyclone bulletin will be issued at 5:00 PM today.

DOST-PAGASA

Prepared by:  SMRR

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